

## Item Rate BoQ

**Tender Inviting Authority: Commissioner, Thoothukudi City Municipal Corporation**

**Name of Work : Construction of Strom Water Drain Canal with Culvert at Murugesan Nagar Main and Thiraviyarathina Nagar Main to Madathur Main Railway Crossing at West Zone in Thoothukudi City Municipal Corporation.**

**File No: E1/015116/2021**

|  |  |          |                       |                         |   |                       |                       |
|--|--|----------|-----------------------|-------------------------|---|-----------------------|-----------------------|
| Name of the Bidder/ Bidding Firm /   |  |          |                       |                         |   |                       |                       |
| <div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div> |  |          |                       |                         |   |                       |                       |
| NUMBER #   | TEXT #   | NUMBER # | TEXT #                | NUMBER                  | NUMBER #  | NUMBER #              | TEXT #                |
| Sl. No.  | Item Description   | Quantity | Units                 | Estimated Rate in Rs. P | BASIC RATE In Figures To be entered by the Bidder Rs. P | TOTAL AMOUNT in Rs. P | TOTAL AMOUNT In Words |
| 1  | 2  | 3        | 4                     | 5                       | 6   | 7                     | 8                     |
| 1  | HGS SS.20.B. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales, murram, gravel, stoney earth and earth mixed with small size boulders SS.20B  | 2570.00  | 1M3 (One cubic metre) |                         |   | 0.00                  | INR Zero Only         |
| 2  | Plain Cement Concrete 1:4:8 (one cement four fine aggregates and eight coarse aggregates) using 40mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification | 250.00   | 1M3 (One cubic metre) |                         |   | 0.00                  | INR Zero Only         |

|      |  |          |                        |  |  |      |               |
|------|--|----------|------------------------|--|--|------|---------------|
| 3    | Centering for soffits of RCC slabs of plane surface like lintels, beams ,etc.,including strutting 3m high using mild steel sheets of size 90cm X 60cm X and B.G 10 stiffened with M.S angles of size 25mm X 25mm X 3mm laid over silver Oak (C.W) joists of size 10cm X 6.5cm (spaced at about 90cm c/c )and supported dy casurina props of 10cm to 13cm dia (spaced of 75cm C/C) complying with standard specification and directed |          |                        |  |  |      |               |
| 3.01 | Wall Centering   | 5990.00  | 1M2 (One square metre) |  |  | 0.00 | INR Zero Only |
| 3.02 | Slab Centering   | 154.00   | 1M2 (One square metre) |  |  | 0.00 | INR Zero Only |
| 4    | Suppling and fabricating and placing in position MS (or) R.T.S. bar for reinforcement to all RCC works as per the design given including cost of steel and binding wire also in all floors.  | 60330.00 | 1Kg (One Kilogram)     |  |  | 0.00 | INR Zero Only |

|   |  |        |                       |  |  |      |               |
|---|--|--------|-----------------------|--|--|------|---------------|
| 5 | Providing and laying in position Standardised Concrete Mix M-20 Grade in accordance with IS 456 - 2000 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 3250Kg/10cum and maximum water cement ratio of 0.55 including admixture (Plasticiser / super plasticiser) in recommended proportions as per IS 9103 to accelerate, related setting of concrete, improve workability without impairing strength and durability with about (5.0cum), 7730Kg of 20mm machine crushed stone jelly and with about (3.3 cum), 5156kg of 10 - 12mm machine crushed stone jelly and with about (4.79cum) 7670 kg of sand, but excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary without claiming extra cost etc., complete complying with standard specification and as directed by the departmental officers - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials) | 754.00 | 1M3 (One cubic metre) |  |  | 0.00 | INR Zero Only |
| 6 | Plain Cement Concrete 1:2:4 (one cement, two fine aggregates and four coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges etc., complete as per standard specification   | 10.00  | 1M3 (One cubic metre) |  |  | 0.00 | INR Zero Only |

|    |   |        |                         |  |  |      |               |
|----|---|--------|-------------------------|--|--|------|---------------|
| 7  | Supplying & Fabrication & Placing in position of RCC pre cast slab of 10cm (4") the including all cost and conveyance of all materials to site and including for the mixing, laying and labour charges etc., complete as per standard specification | 39.00  | 1M2 (One square metre)  |  |  | 0.00 | INR Zero Only |
| 8  | Providing and Fixing 63 mm dia (6Kg/SqCm) P.V.C. Pipes in weep holes,the rate includes cost of pipe,labour for cutting, packing of concrete ,transportation etc.,complete as per standard specification   | 83.00  | 1Rm (One Running Metre) |  |  | 0.00 | INR Zero Only |
| 9  | Dewatering including diversion of Stream bunds etc as may be necessary for channel and other parts of the work and bailing out and pumping out water during and after excavation as may be necessary for all items of construction.                 | 110.00 | 1Hrs (One Hours)        |  |  | 0.00 | INR Zero Only |
| 10 | Supplying and fixing in position 450mm dia FRC manhole cover to suit 450 mm clear opening manhole frame (Extra Heavy Duty) of best approved quality and as per standard specifications etc.,Complete.   | 110.00 | 1Nos (One Numbers)      |  |  | 0.00 | INR Zero Only |
| 11 | Supplying and fixing in position 450mm dia FRC manhole frame to have clear opening of 450mm dia to suit 450mm dia FRC Cover (Extra Heavy Duty) of best approved quality and as per standard specifications etc.,Complete.                           | 110.00 | 1Nos (One Numbers)      |  |  | 0.00 | INR Zero Only |
| 12 | Refilling with excavated earth in layers of 30 cm watered well rammed and consolidatred conforming to standard specification including labour charges as directed by Engineer in Charge   | 300.00 | 1M3 (One cubic metre)   |  |  | 0.00 | INR Zero Only |

|                      |   |               |                       |  |  |      |               |
|----------------------|---|---------------|-----------------------|--|--|------|---------------|
| 13                   | Removal of Excavated Excess Earth away from the site to 2 K.M including loading and transportation charges etc, complete as per standard specification. | 2270.00       | 1M3 (One cubic metre) |  |  | 0.00 | INR Zero Only |
| Total in Figures     |   |               |                       |  |  | 0.00 | INR Zero Only |
| Quoted Rate in Words |   | INR Zero Only |                       |  |  |      |               |